

Position Brief

Architect – BIM Manager or BIM Coordinator **Strategic Innovation Division**

Experienced architectural position based in Phoenix, Arizona with this highly-regarded, privately-held company that develops, designs and builds some of Chicago's and Phoenix's most acclaimed luxury residential and mixed-use communities – 30 Awards for Design and Environmental Excellence spanning thirty development projects to-date. The Company, founded by award-winning architect David C. Hovey FAIA, directs and manages every aspect of real estate development - development, design, construction, sales and property management. As **optima** enters its fourth successful decade, it is committed to the company-wide promotion and implementation of Building Information Modeling (BIM) and Virtual Building Technologies as means to advance design, sustainability and project efficiency. This achievement will be a function of the new Strategic Innovation division that integrates innovative solutions into the master planning, creative development, design, engineering, production, project management and research/development components of the firm.

Position

This newly-created, strategically important position in “virtual building” will have a large impact on an already successful organization. The BIM Architect plays an active role in the ongoing efforts to evolve and redefine the landscape of **optima**'s vertically integrated project delivery processes. This specialist is expected to provide ongoing strategic development and tactical support for full BIM deployment, particularly building design, construction documentation and energy-use simulations. This individual will lead the architectural BIM deployment and collaborate with division colleagues who lead other strategic innovation initiatives, i.e., integrating BIM with real estate development, building systems, sales and property management. This individual must be meticulous in attention to detail and possess a professional and collaborative demeanor as an innovator, a team member, and as a technology evangelist with other strategic innovators: a BIM-coach. The Architect – BIM Manager will also focus on design and project execution capabilities and be responsible as the primary architectural liaison between the broader multi-disciplinary project environment spectrum and the division head, the Vice President – Strategic Innovation, a highly-regarded and distinguished professional, Dr. Calvin Kam, and to whom this role reports.

Functional Responsibilities

- Function as primary design liaison to Division Leader (Vice President - Strategic Innovation), communicating status, issues, remedies, and establishing architectural design parameters based on company/division requirements;
- Formulate, communicate, execute and support new and existing strategic initiatives, including company-wide BIM implementation in support of the following architectural design activities:
 - Establish quantifiable design characteristics of a project in order to share the information ultimately across relevant project teams;
 - Implement BIM and strategic innovation techniques on projects by integrating Schematic Design through completion to Construction Documents and, ultimately, As-Built Documents;
 - Work with company architects to prepare, model and work to finalize construction models, drawings and specifications that reflect accurately the standards for materials, equipment and systems, and develop project templates, maintain/manage content creation, and perform drawing audits;
 - Participate with reviewing contractors' shop drawings to meet document preparation schedules;
 - Assist with preparing Bid for construction subcontractors and handle addenda;
 - Make changes or adjustments as necessary, including re-draft/model, and respond to document requests for information from the field and/or subcontractors;
 - Maintain project concept within budget and time constraints;

- Visit the construction site periodically to observe the overall progress and ensure the expectations of modeling systems and strategies are being realized;
- Create *BIM* customization/library and oversee *Project Collaboration* resources for intra-/inter-company communications;
- Collaborate with externally-contracted engineering professionals, research associates, vendors and subcontractors to implement decision-making systems and develop design productivity tools, as required;
- Promote the advancement of the firm's BIM initiatives, e.g., develop/coordinate training strategies and coach colleagues in both Arizona and Illinois offices;
- Document and apprise VP and Division BIM Specialist teammates (Development/Construction Engineer, Building System Engineer and Architectural Visualizer) of progress, issues and/or problems on a regular and proactive basis, while assisting in recommending and implementing improvements in existing design applications across the entities; and
- Interface with and present information to Founder, senior management, Director of Information Technology and other internal **optima** staff on a regular basis.

Ideal Candidate

- Possession of a Bachelor's or Master's Degree in Architecture is required and candidate should be a registered architect – we will consider a Coordinator candidate with a Bachelor's Degree;
- Minimum of 5 years experience in architectural practice or 2 years for Coordinator;
- Minimum of 5 BIM projects (2 for Coordinator) that involve complex, multi-phase, large scale, mid- to high-rise buildings from concept to completion;
- Thorough comprehension of parametric object-based models, design, engineering/construction models;
- Must be proficient in the application of *Autodesk Revit*, *Bentley Architecture*, or *Graphisoft ArchiCAD*, as well as 2D CAD and other 3-D visualization and simulation applications;
- Ability to lead/train/troubleshoot in full-scale company-wide BIM implementation;
- Ability to exercise judgment and discretion and to set priorities and manage competing demands;
- Ability to read, analyze and interpret technical procedures, government regulations and building codes;
- Demonstrate a reliable, responsive and positive work ethic with the highest degree of integrity; and
- Prior work experience in a privately-held company will prove beneficial, but not necessary.

Compensation **optima** encourages personal growth and offers an excellent salary + benefit package, which includes a 401(k) Plan and company-paid life insurance. For immediate consideration, **apply** via email with resume attachment and portfolio samples to resumes@optimaweb.com.

www.optimaweb.com

"I take each building as a once-in-a-lifetime opportunity . . . A building should be an expression of the age that we live in. So the search is to find the best solution using everything that's available today." David C. Hovey FAIA